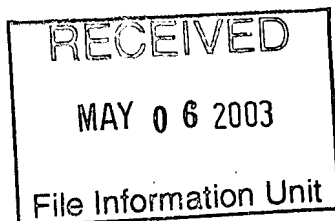


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**REQUEST FOR ACCESS TO AN APPLICATION UNDER 37 CFR 1.14(e)**

In re Application of \_\_\_\_\_

Application Number

09/189194

Filed

11-10-98

Art Unit

Examiner

Paper No. #8Assistant Commissioner for Patents  
Washington, DC 20231

1. ☒ I hereby request access under 37 CFR 1.14(e)(2) to the application file record of the above-identified ABANDONED Application, which is not within the file jacket of a pending Continued Prosecution Application (CPA) (37 CFR 1.53(d)) and is: (CHECK ONE)

☒ (A) referred to in:

United States Patent Application Publication No. \_\_\_\_\_, page \_\_\_\_\_, line \_\_\_\_\_,

United States Patent Number 6531947, column \_\_\_\_\_, line \_\_\_\_\_, or

an International Application which was filed on or after November 29, 2000 and which

designates the United States, WIPO Pub. No. \_\_\_\_\_, page \_\_\_\_\_, line \_\_\_\_\_.

☐ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11(b) or

1.14(e)(2)(i), i.e., Application No. \_\_\_\_\_, paper No. \_\_\_\_\_, page \_\_\_\_\_, line \_\_\_\_\_.

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Date

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Typed or printed name

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(Initials)

Unit: EL-1



US006531447B1

# (12) United States Patent

Ruben et al.

(10) Patent No.: US 6,531,447 B1  
(45) Date of Patent: Mar. 11, 2003

## (54) SECRETED PROTEIN HEMCM42

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/690,454

(22) Filed: Oct. 18, 2000

### Related U.S. Application Data

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10, 1998, now abandoned, which is a continuation-in-part of  
application No. PCT/US98/10868, filed on May 28, 1998.

(60) Provisional application No. 60/044,039, filed on May 30,  
1997, provisional application No. 60/048,093, filed on May  
30, 1997, provisional application No. 60/048,190, filed on  
May 30, 1997, provisional application No. 60/050,935, filed  
on May 30, 1997, provisional application No. 60/048,101,  
filed on May 30, 1997, provisional application No. 60/048,  
356, filed on May 30, 1997, provisional application No.  
60/056,250, filed on Aug. 29, 1997, provisional application  
No. 60/056,296, filed on Aug. 29, 1997, and provisional  
application No. 60/056,293, filed on Aug. 29, 1997.

(51) Int. Cl.<sup>7</sup> ..... C07K 14/00  
(52) U.S. Cl. .... 514/2; 530/300; 530/350  
(58) Field of Search ..... 530/300, 350;  
514/12

### (56) References Cited

#### U.S. PATENT DOCUMENTS

6,207,642 B1 3/2001 Wiley

#### FOREIGN PATENT DOCUMENTS

WO	PCT/US98/10868	10/1998
WO	WO 98/54206	12/1998
WO	WO 98/55508	12/1998
WO	WO 99/61471	12/1999
WO	WO 01/45730	6/2001
WO	WO 01/45730	* 12/2001 ..... A61K/38/17

#### OTHER PUBLICATIONS

Genbank Accession No. AI768116 (Dec. 20, 1999).  
Hillier et al., Genbank Accession No. AA149044 (May 19,  
1997).  
Genbank Accession No. AW204761 (Dec. 2, 1999).  
Genbank Accession No. AI768403 (Dec. 20, 1999).  
Chen et al., Genbank Accession No. AA631934 (Oct. 20,  
1997).  
Genbank Accession No. AI221536 (Nov. 29, 1998).

Genbank Accession No. AW172990 (Nov. 16, 1999).  
Genbank Accession No. AW051452 (Sep. 20, 1999).  
Genbank Accession No. AW262030 (Dec. 28, 1999).  
Genbank Accession No. AI219327 (Nov. 29, 1998).  
Genbank Accession No. BF114971 (Oct. 24, 2000).  
Genbank Accession No. AI800959 (Dec. 19, 1999).  
Genbank Accession No. AI004154 (Aug. 27, 1998).  
Hillier et al., Genbank Accession No. AA149043 (May 19,  
1997).  
Genbank Accession No. AW338518 (Jan. 31, 2000).  
Genbank Accession No. AI568941 (May 14, 1999).  
Hillier et al., Genbank Accession No. N41733 (Jan. 24,  
1996).  
Genbank Accession No. AI827127 (Mar. 7, 2000).  
Lanfranchi et al., Genbank Accession No. F25336 (May 13,  
1999).  
Genbank Accession No. AI313436 (Feb. 3, 1999).  
Genbank Accession No. AA994944 (Aug. 27, 1998).  
Dias et al., Genbank Accession No. AW938942 (May 30,  
2000).  
Genbank Accession No. AI761510 (Dec. 21, 2000).  
Genbank Accession No. BF063028 (Oct. 16, 2000).  
Genbank Accession No. AW628237 (Mar. 31, 2000).  
Hillier et al., Genbank Accession No. T56712 (Feb. 7, 1995).  
Hillier et al., Genbank Accession No. AI718198 (Jun. 10,  
1999).  
Hillier et al., Genbank Accession No. R48167 (May 18,  
1995).  
Genbank Accession No. BF108787 (Oct. 20, 2000).  
Genbank Accession No. BF197631 (Oct. 3, 2000).  
Genbank Accession No. AI767239 (Dec. 21, 1999).  
Genbank Accession No. AW001699 (Mar. 8, 2000).  
Genbank Accession No. AI796303 (Dec. 20, 1999).  
Genbank Accession No. AI358289 (Feb. 15, 1999).  
Genbank Accession No. AW149867 (Nov. 3, 1999).  
Genbank Accession No. AA576558 (Sep. 9, 1997).  
Genbank Accession No. AI911799 (Dec. 17, 1999).  
Genbank Accession No. AA610401 (Dec. 9, 1997).  
Liew, Genbank Accession No. N83862 (Apr. 1, 1996).  
Genbank Accession No. AI470703 (Apr. 13, 1999).  
Genbank Accession No. BG236779 (Feb. 12, 2001).  
Genbank Accession No. AI470484 (Apr. 13, 1999).  
Genbank Accession No. AI492143 (Mar. 30, 1999).  
Hillier et al., Genbank Accession No. T74424 (Mar. 2,  
1995).

(List continued on next page.)

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### (57) ABSTRACT

The present invention relates to novel human secreted  
proteins and isolated nucleic acids containing the coding  
regions of the genes encoding such proteins. Also provided  
are vectors, host cells, antibodies, and recombinant methods  
for producing human secreted proteins. The invention fur-  
ther relates to diagnostic and therapeutic methods useful for  
diagnosing and treating disorders related to these novel  
human secreted proteins.

52 Claims, No Drawings

0: Henry  
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